ABACUS EVO

CREATED WITH PASSION

ABACUS EVO

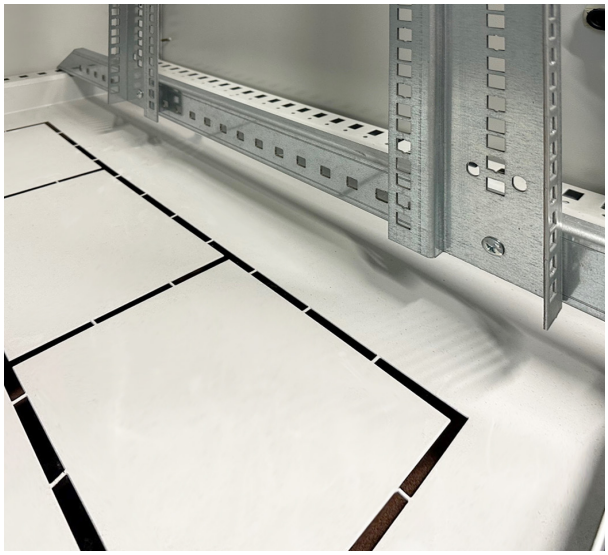
eta

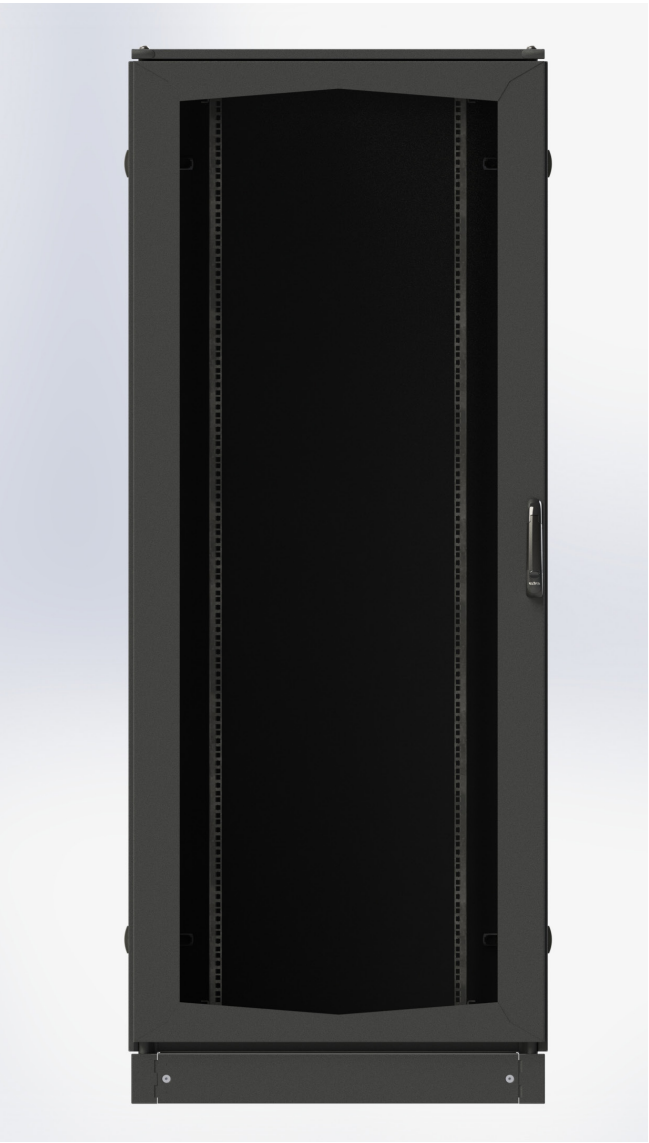
Since 1978,
E.T.A. SPA designs and produces high quality enclosures for Industrial Automation, Harsh environments, Energy distribution and Information Technology business.

ABACUS EVO
the versatile cabinet;
ABACUS EVO cabinets' range was born from the need to create a high-performance product suitable to different applications. For both data networking and commercial building's applications. The range includes 19'' cabinets with multiple configurations for each dimensions, in the mounted version, to ensure greater easy to use and flexibility.

ABACUS EVO

DETAILS
Door with tempered glass
characterized by an innovative design,
greater reinforcement and structural rigidity.
The glass door is designed with the “OPEN VIEW” system
that highlight the internal equipment and make the wiring system more usable.

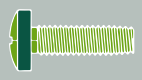




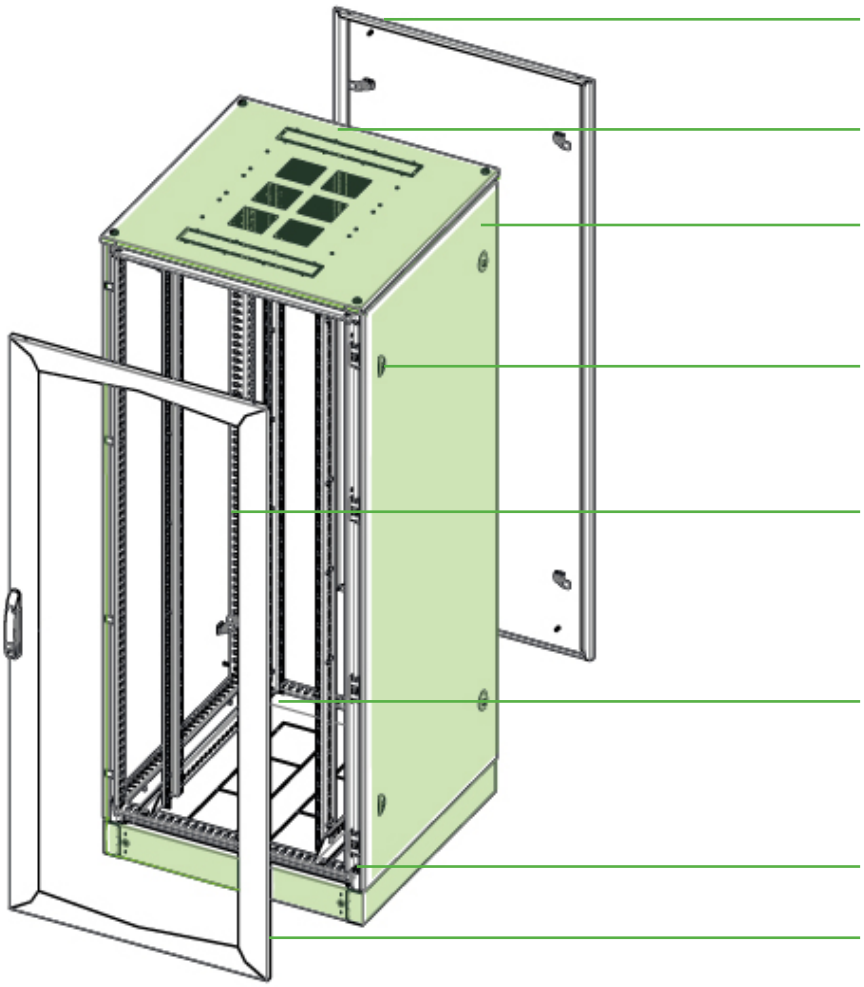
Cabinet's technical features

The profile that characterizes the uprights and crosspieces of the roof/ bottom is unique, manufactured from high- strength low alloy sheet steel (HSLA), closed with continuous fiber laser welding and free from sharp edges.
The corners of the structure are made with special steel orthogonal joints laser welded on bottom and roof uprights and crosspieces.
The union of the entire structure is obtained by 8 high-resistence screws.
The static load of the structure is 1000 kg: this feature makes ABACUS EVO the most performing product in terms of capacity. The rack uses the new "OPEN VIEW" concept, which enhances the maximum internal visibility of the rack for full prominence of the internal equipment and cabling system.

Assembled with



8 screws only



CONFIGURABLE REAR DOOR

REMOVABLE ROOF WITH VENTILATION LOUVERS

UNIQUE STRUCTURE

REMOVABLE SIDE PANELS WITH ¼ TURN LOCKING SYSTEM

"OPEN VIEW" RACK

PRE-CUT BOTTOM FOR CABLE ENTRY

WELDED STEEL ORTHOGONAL JOINTS TO LASER UP UPRIGHTS AND CROSSPIECES

CONFIGURABLE DOOR

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Dimensional Range

ABACUS EVO range is particularly versatile and able to adapt to any need and application.
A product infinite ∞ configurations.

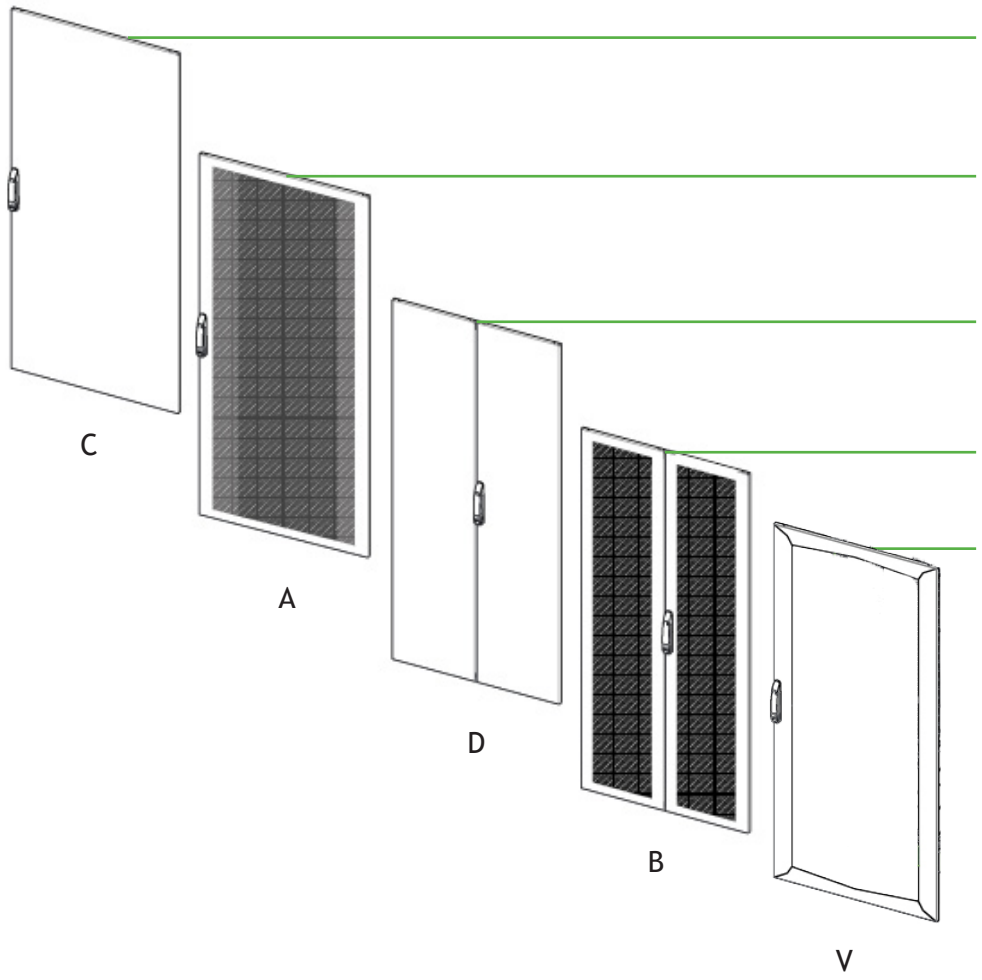
example:
E84208VRN

	WIDTH	HE - HEIGHT	DEPTH	COLOUR
E = Abacus Evo	600/800	24 - 1200	600/800/1000/1200	N/G
8 = Width	600/800	29 - 1400	600/800/1000	N/G
42 = He - Height	600/800	33 - 1600	600/800/1000	N/G
08 = Depth	600/800	38 - 1800	600/800/1000	N/G
V = Glass Door	600/800	42 - 2000	600/800/1000/1200	N/G
R = Rear panel	600/800	47 - 2200	600/800/1000/1200	N/G
N = Color Ral 9011				

a product

configuration

All given measurament are expressed in millimeters



SINGLE BLANK DOOR

SINGLE VENTILATED DOOR

DOUBLE BLANK DOOR

DOUBLE VENTILATED DOOR

GLASS DOOR

Composition

FRONT PART OF THE CABINET CONFIGURABLE AS FOLLOWS:

- Single door with tempered glass
- Single blank door
- Single ventilated door
- Double blank door
- Double ventilated door

REAR PART OF CABINET CONFIGURABLE AS FOLLOWS:

- Blank rear panel
- Single door with tempered glass
- Single blank door
- Single ventilated door
- Double blank door
- Double ventilated door

HANDLE WITH SAFETY INSERT,
lever action and two locking points

ROOF
removable roof with ventilation louver arranged for easy fixing
of ventilation units and with 2 pre-punched holes for cable passage

REMOVABLE SIDE PANELS
with ¼ turn closure made with the particular and innovative concept of boxed fold that guarantees undisputed structural rigidity combined with benefit of easier handling.
Easy fixing: there are 4 locking points

PAIR OF 19'' UPRIGHTS
Front uprights for D=600,
Two pairs of front and rear uprights for D=800/1000/1200.
Static load combined with 19" rear uprights: 1000Kg

PRE-CUT BOTTOM FOR CABLE ENTRY
STANDARD PLINTH with flanges and depth rails with integrated angle, included in all configurations

Protection degree

IP20 complying with EN62208 and EN60529.
NEMA 1 complying with NEMA250

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DETAILS
Handle
Color: Black

Painting Process

Paint finish with E-DUP treatment (Double Layer Protection) made with a first layer of cathodic electrophoresis paint with epoxy resin (cataphoresis) and a second finishing coat with thermosetting epoxy polyester powders according to the ETA standard finishing cycle.

- Structure: color RAL 9011 textured finish RAL7035 smooth finish
- Door and panels: color RAL 9011 textured finish or RAL7035 textured finish.
- Roof, plinth and handle: color RAL 9011 textured finish

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